

Datasheet for ABIN462247
anti-YAP1 antibody (AA 351-400)

3 Images

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Overview

Quantity:	50 µg
Target:	YAP1
Binding Specificity:	AA 351-400
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Dog, Monkey, Sheep, Chicken, Cow, Horse, Pig, Xenopus laevis, Rabbit, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This YAP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa351-400 of human YAP1 (P46937, NP_001123617). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Sheep, Elephant, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Turkey, Zebra finch, Chicken, Platypus, Lizard, Xenopus, Zebrafish (100%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human YAP1

Product Details

Predicted Reactivity: Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Rabbit, Horse, Chicken, Xenopus, Zebrafish (100%).

Purification: Immunoaffinity purified

Target Details

Target: YAP1

Alternative Name: YAP / YAP1 ([YAP1 Products](#))

Background: Name/Gene ID: YAP1

Synonyms: YAP1, 65 kDa Yes-associated protein, YAP, Yes-associated protein beta, Yes-associated protein delta, Yorkie homolog, YAP2, Yes-associated protein 1, Yes-associated protein 2, YKI, YAP65

Gene ID: 10413

NCBI Accession: [NP_001123617](#)

UniProt: [P46937](#)

Pathways: [MAPK Signaling](#), [Stem Cell Maintenance](#), [Regulation of Lipid Metabolism by PPARalpha](#)

Application Details

Application Notes: Approved: IHC, IHC-P (5 µg/mL), WB

Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL. ELISA titer using peptide based assay: 1:1562500. Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody.

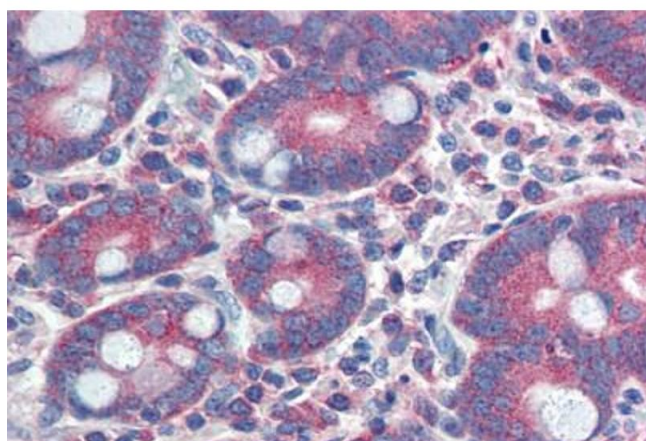
Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

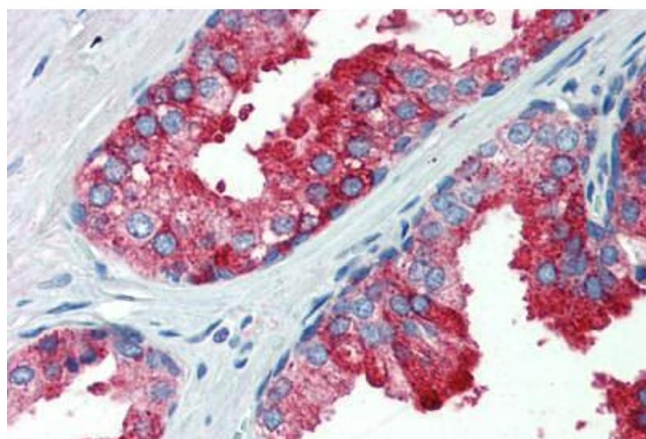
Format:	Lyophilized
Reconstitution:	Distilled Water.
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



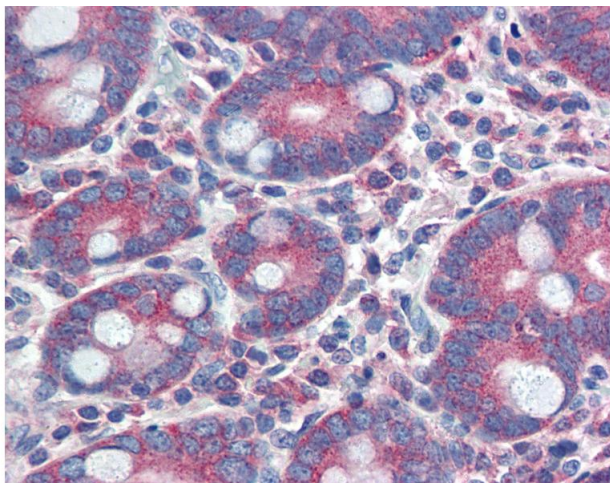
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Small Intestine (formalin-fixed, paraffin-embedded) stained with YAP1 antibody ABIN462247 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Prostate (formalin-fixed, paraffin-embedded) stained with YAP1 antibody ABIN462247 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 3. Anti-YAP1 antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. O ...